

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315–2590 F (786) 315–2599

www.miamidade.gov/economy

R.C. Aluminum Industries, Inc. 2805 NW 75th Ave. Miami, FL 33122

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "600Y-CA" Aluminum Single Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W04–88**, titled "Series 600Y–CA Alum. Single Hung Window (L.M.I.)", sheets 1 through 7 of 7, dated 10/15/04, with revision "C" dated 02/07/12, prepared by Al–Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami–Dade County Product Control Section Renewal stamp with the Notice of Acceptance number and expiration date by the Miami–Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/ series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

REVISION of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA No. 12-0223.18 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



W) 10/19/12

NOA No. 12-0806.02 Expiration Date: July 26, 2017 Approval Date: October 25, 2012 Page 1

R.C. Aluminum Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No W04–88, titled "Series 600Y–CA Aluminum Single Hung Window (L.M.I.)", sheets 1 through 07 of 07, dated 10/15/04 with revision "C" dated 02/07/12, prepared by Al–Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

B. TESTS

- 1. Test reports on: 1) Large Missile Impact Test, per FBC, TAS 202–94

 2) Cyclic Wind Pressure Loading, per FBC, TAS 203–94

 along with marked-up drawings and installation diagram of the series 500Y aluminum single hung windows mulled together over aluminum fixed windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-4013, dated 12/05/03, signed and sealed by Edmundo J. Largaespada, P.E.
 - (Submitted under previous NOA No. 07-0522.09)
- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Small Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203–94
 - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked—up drawings and installation diagram of the series 500Y aluminum single hung windows mulled together over aluminum fixed windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL—4032**, dated 12/05/03, signed and sealed by Edmundo J. Largaespada, P.E.

(Submitted under previous NOA No. 07-0522.09)

B. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al–Farooq Corporation, dated 03/10/10, signed and sealed by Javad Ahmad, P.E.
 - (Submitted under previous NOA No. 09-0812.08)
- 2. Glazing complies with ASTM E1300–04

D. QUALITY ASSURANCE

1. Miami–Dade Department of Regulatory and Economic Resources (RER).

Manuel Perez, P. B. Product Control Examinar NOA No. 12-0806.02

Expiration Date: July 26, 2017 Approval Date: October 25, 2012

R.C. Aluminum Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 11–0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont SentryGlas® Interlayer" dated 08/25/11, expiring on 01/14/17.

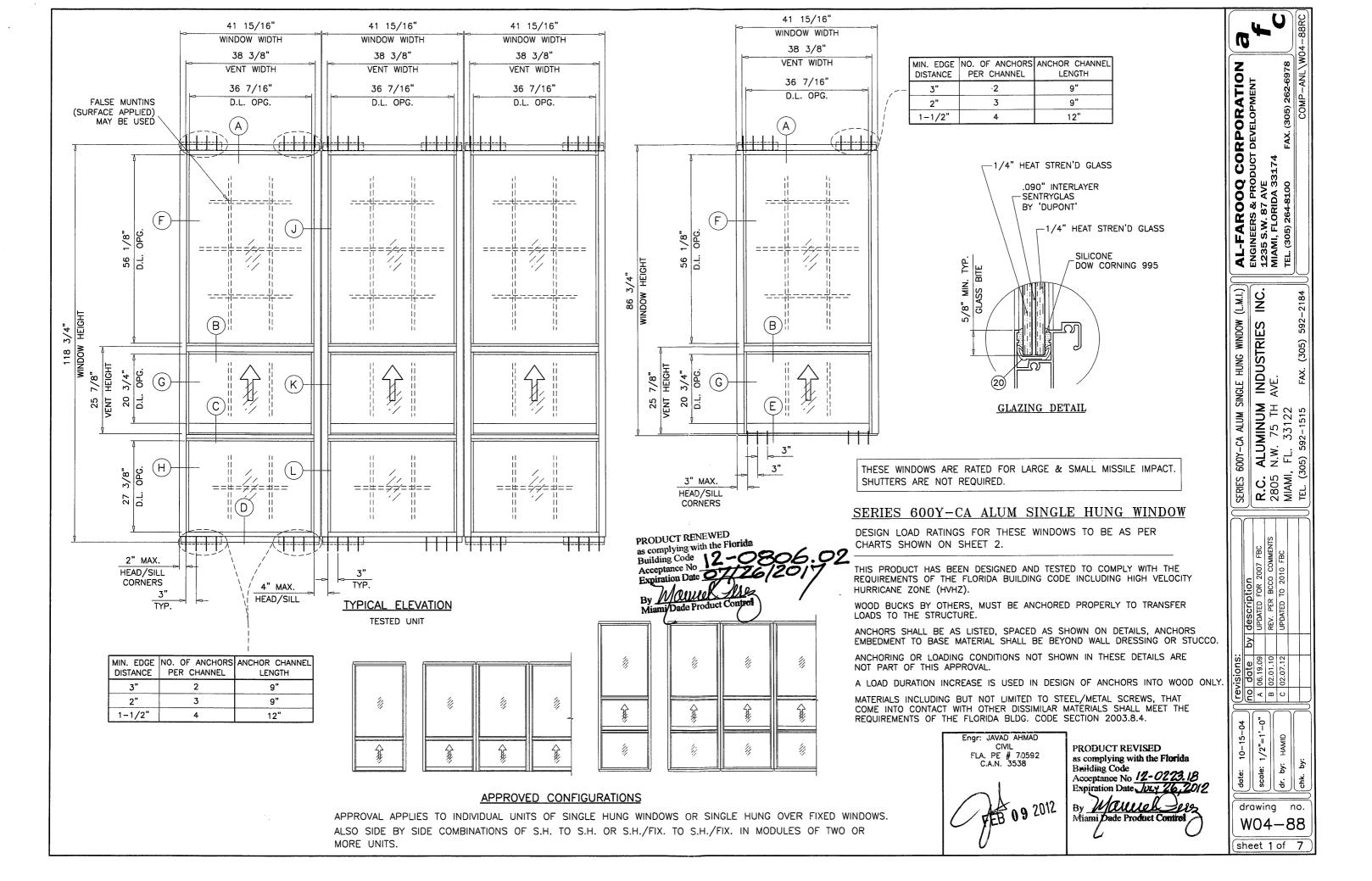
F. STATEMENTS

- 1. Statement letter of no financial interest, independence, conformance and complying with **FBC–2010**, issued by Al–Farooq Corporation, dated 02/06/12, signed and sealed by Javad Ahmad, P.E.
 - (Submitted under previous NOA No. 12-0223.18)
- 2. Laboratory compliance letters for Test Reports No.'s **FTL-4032** and **FTL-4013**, both dated 12/05/03, both issued by Fenestration Testing Laboratory, Inc., both signed and sealed by Edmundo J. Largaespada, P.E.
 - (Submitted under previous NOA No. 07-0522.09)
- 3. Proposal issued by Product Control, dated 09/25/03, signed by Jaime D. Gascon, P.E. (Submitted under previous NOA No. 07–0522.09)

G. OTHERS

1. Notice of Acceptance No. 12–0223.18, issued to R.C. Aluminum Industries, Inc. for their Series "600Y–CA Aluminum Single Hung Window – L.M.I.", approved on 05/03/12 and expiring on 07/26/12.

Manuel Perez, P. E.
Product Control Examinar
NOA No. 12–0806.02
Expiration Date: July 26, 2017
Approval Date: October 25, 2012



				J
24"		100.0	100.0]
30"		100.0	100.0	1
36"		100.0	100.0	1
42"	48"	100.0	100.0	1
48"		75.4	75.4	١
54"		51.7	51.7	1
60"		37.1	37.1	1
24"		100.0	100.0	
30"		100.0	100.0	1
36"		100.0	100.0	1
42"	54"	100.0	100.0	١
48"		68.9	68.9	1
54"		47.0	47.0	l
60"		33.6	33.6	1
24"		100.0	100.0	
30"		100.0	100.0	
36"		100.0	100.0	
42"	60"	100.0	100.0	1
48"		64.6	64.6	1
54"		43.7	43.7	
60"	ļ	31.0	31.0	
24"		100.0	100.0]
30"		100.0	100.0	
36"		100.0	100.0	
42"	66"	99.6	99.6	
48"		62.0	62.0	
54"		41.4	41.4	l
60"		29.2	29.2	
24"		100.0	100.0	ļ
30"		100.0	100.0	
36"		100.0	100.0	
42"	72"	99.5	99.5	l
48"		60.9	60.9	l
54"		40.1	40.1	
60"		27.9	27.9	
24"		100.0	100.0	ļ
30"		100.0	100.0	
36"	78"	100.0	100.0	
42"	·	99.5	99.5	
48"		60.8	60.8	
54"		39.5	39.5	
24"		100.0	100.0	
30"	.	100.0	100.0	
36"	84"	100.0	100.0	
42"		100.0	100.0	
48"		60.8	60.8	
42"	86-3/4"	100.0	100.0	

SINGLE HUNG WINDOWS

DESIGN LOAD CAPACITY - PSF

LAMINATED GLASS

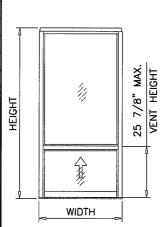
1NT.(-)

EXT.(+)

WINDOW DIMS.

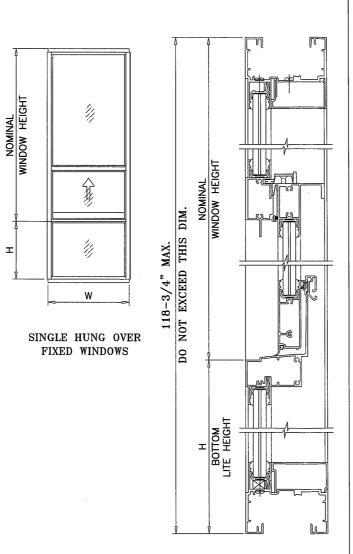
HEIGHT

WIDTH



UNEQUAL LITES (ORIEL) SINGLE HUNG WINDOWS

WINDOWALL	BOTTOM LI	TE CAPACI	ry – Ps
WINDO	W DIMS.	LAMINAT	ED GLASS
WIDTH	HEIGHT	EXT.(+)	1NT.(-
42"		99.5	99.5
48"	36"	62.7	62.7
54"		42.3	42.3



1110111 (11)	WOLL 01741		
24"		100.0	100.0
30"		100.0	100.0
36"		100.0	100.0
42"	72"	100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
60"		100.0	100.0
24"		100.0	100.0
30"		100.0	100.0
36"		100.0	100.0
42"	78"	100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
60"		100.0	100.0
24"		100.0	100.0
30"		100.0	100.0
36"		100.0	100.0
42"	84"	100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
60"		100.0	100.0
24"		100.0	100.0
30"		100.0	100.0
36"	90"	100.0	100.0
42"	30	100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
24"		100.0	100.0
30"		100.0	100.0
36"	96"	100.0	100.0
42"		100.0	100.0
48"		100.0	100.0
54"		100.0	100.0
24"		100.0	100.0
~ 30 "		100.0	100.0
36"	102"	100.0	100.0
42"		100.0	100.0
48"		100.0	100.0
24"		100.0	100.0
30"		100.0	100.0
36"	108"	100.0	100.0
42"		100.0	100.0
48"		100.0	100.0

REINFORCED MULLION CAPACITY CHART

WINDOW DIMS.

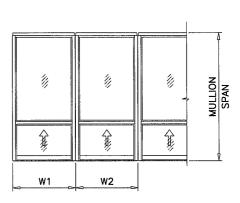
WIDTH (W) MULL SPAN

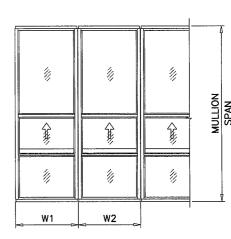
DESIGN LOAD - PSF

1NT.(-)

EXT.(+)

1		REINFOR	CED MULLIC	ON CAPACIT	TY CHART
		WINDO	W DIMS.	DESIGN LO	DAD - PSF
		WIDTH (W)	MULL SPAN	EXT.(+)	1NT.(-)
		24"		100.0	100.0
		30"	114"	100.0	100.0
		36"	114	100.0	100.0
		42"		100.0	100.0
		24"		100.0	100.0
		30" 120" -		100.0	100.0
				100.0	100.0
		42"		100.0	100.0
	ľ				





 $\frac{\text{W1 + W2}}{\text{ ---}} + 3/4$ " WIDTH (W)

REFER TO CHARTS AT LEFT OF THIS PAGE TO OBTAIN SINGLE HUNG WINDOW CAPACITY.

REFER TO CHART ABOVE TO OBTAIN CAPACITY OF BOTTOM LITE OF WINDOWALL.

REFER TO CHARTS AT RIGHT OF THIS PAGE TO OBTAIN MULLION CAPACITY.

USE LOWEST VALUES OF OPTIONS CONSULTED.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No
Expiration Date

PRODUCT RENEWED
as complying with the Florida

2.0806.02

Engr: JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 12-0223. Expiration Date 1014 26.20

10-15-04 (revisions:	no date	le: 1/2"=1'-0" A 06.19.09	B 02.01.10	by: HAMID C 02.07.12		
ns:	Ľ	60.	.10	.12		
	by description	UPDATED FOR 2007 FBC	NO CHANGE THIS SHEET	NO CHANGE THIS SHEET		

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

NC.

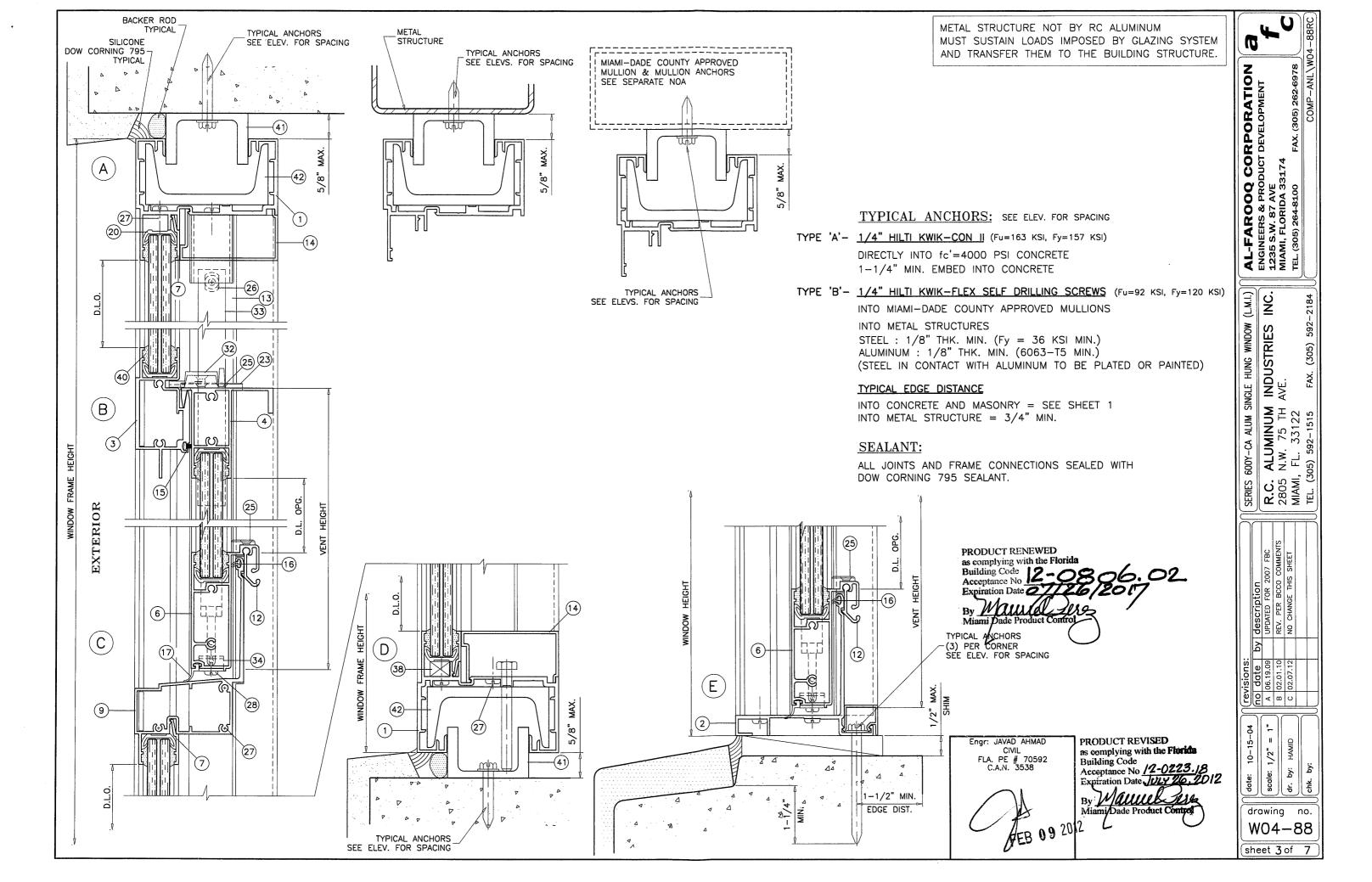
R.C. ALUMINUM INDUSTRIES II 2805 N.W. 75 TH AVE. MIAMI, FL. 33122 TEL. (305) 592-1515 FAX. (305) 592-2

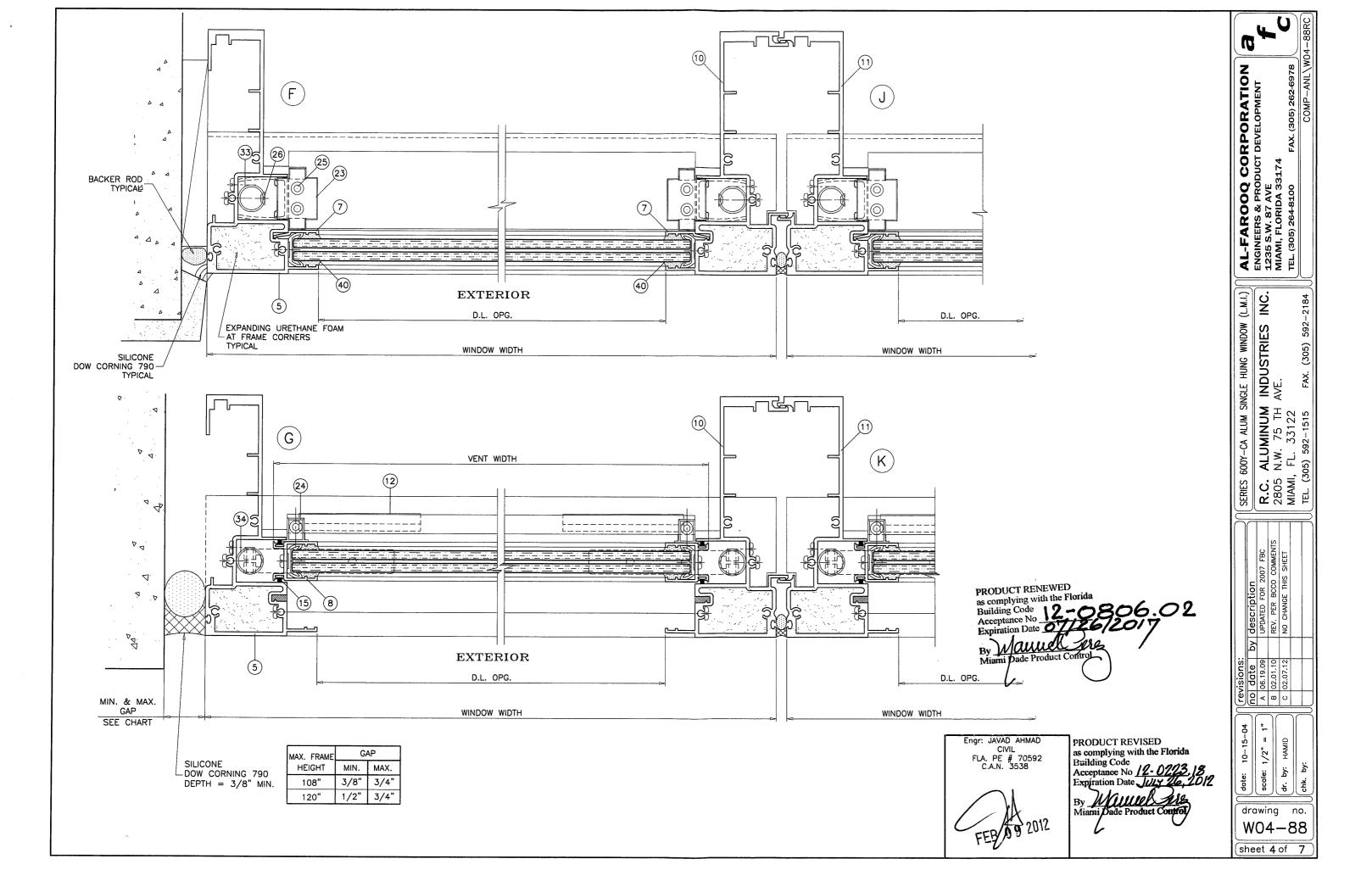
SERIES 600Y-CA ALUM SINGLE HUNG WINDOW (L.M.I.)

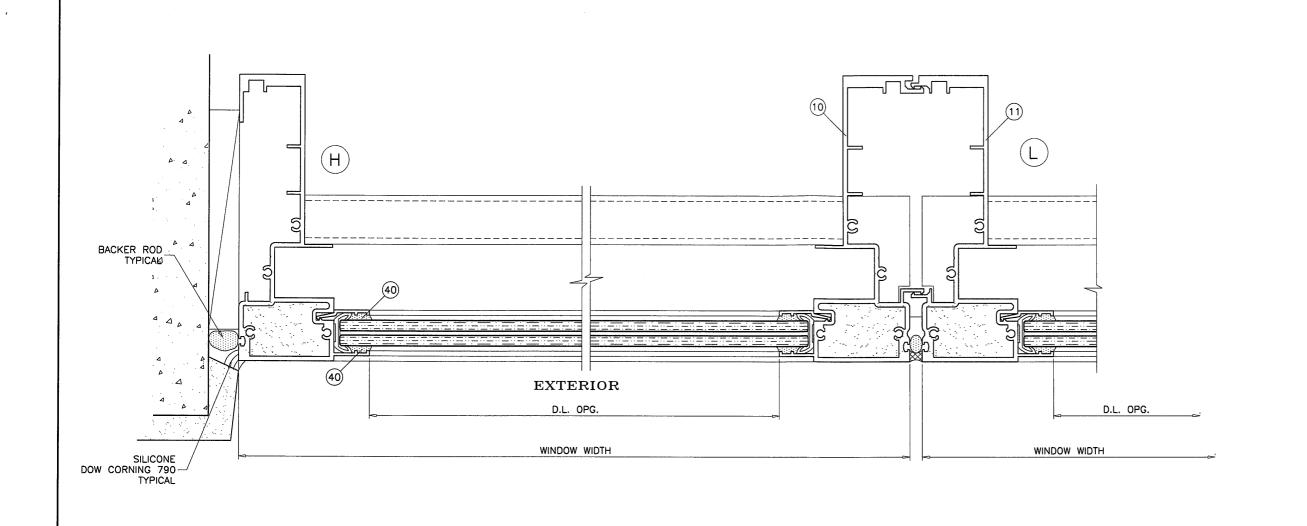
scale dr. t drawing no. W04-88

sheet 2 of 7

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219







PRODUCT RENEWED as complying with the Florida Building Code 12-0806.02. Acceptance No 27/26/2017

Engr JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

date: 10–15–0
scale: 1/2" = 1
dr. by: HAMID
chk. by: drawing no. W04-88

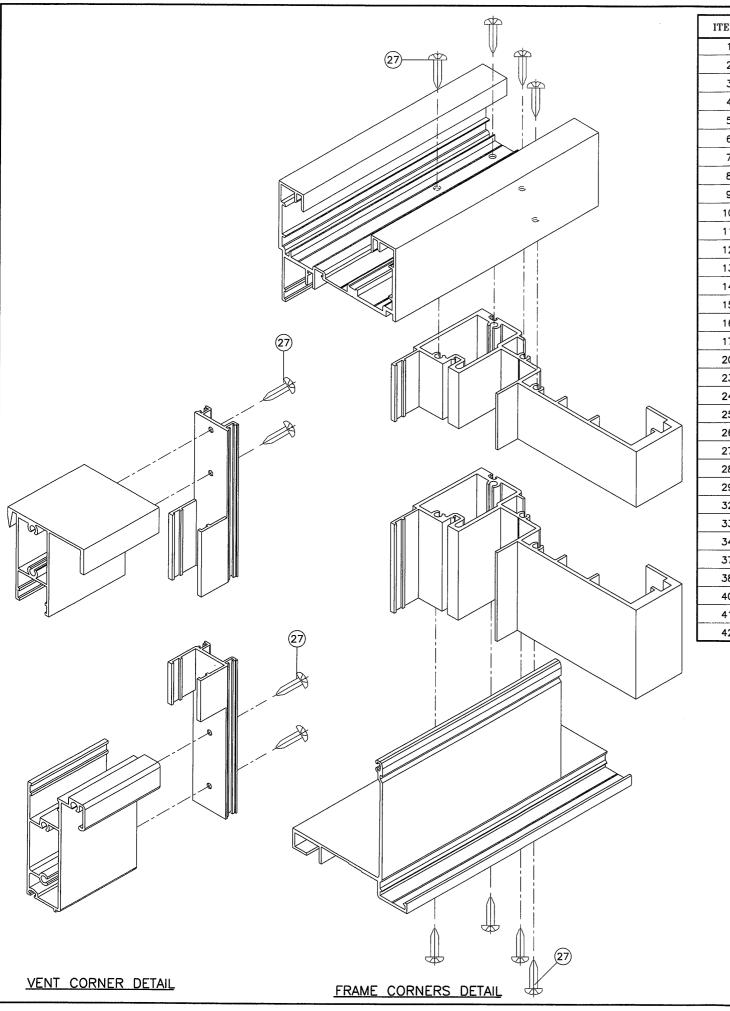
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

| SERIES 600Y-CA ALUM SINGLE HUNG WINDOW (L.M.I.) | R.C. ALUMINUM INDUSTRIES INC. 2805 N.W. 75 TH AVE. MIAMI, FL. 33122 | TEL. (305) 592-2184 |

sheet 5 of 7

10-15-04

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0123.13
Expiration Date 101-216, 2012
By Manual Start
Miami Dade Product Control



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	500Y-017	AS REQD.	HEAD & FIXED SILL	6063-T6	AT FRAME
2	500Y-002	AS REQD.	FRAME SILL		AT FRAME
3	500Y-003	1	MEETING RAIL	6005-T5	AT FRAME
4	500Y-028	1	VENT TOP	6005-T5	SASH VENT
5	500Y-019	2	JAMB	6063-T6	AT FRAME
6	500Y-006	1	VENT BOTTOM	6063-T6	SASH VENT
7	500Y-007	AS REQD.	GLAZING BEAD	6063-T6	AT FIXED GLASS
8	500Y-008	2	VENT SIDE	6063-T6	SASH VENT
9	500Y-009	AS REQD.	SILL MEETING RAIL	6005-T5	AT FRAME
10	500Y-015	AS REQD.	MALE MULLION	6063-T6	-
11	500Y-016	AS REQD.	FEMALE MULLION	6063-T6	_
12	500Y-012	2/VENT	HANDICAP FINGER LOCK	6063-T6	SASH VENT
13	500Y-013	1	VENT STOP	6063-T6	AT TOP OF FRAME
14	550Y-018	AS REQD.	FRAME COVER	6063-T6	-
15	W33261NK	AS REQD.	WEATHERSTRIPPING PILE	_	AT VENT SIDE MEETING RAIL
16	WV-3189	AS REQD.	WEATHERSTIPPING GASKET	VINYL	SILL & SILL MEETING RAIL
17	V-048	AS REQD.	WEATHERSTRIPPING GASKET	NEOPRENE	BOTTOM OF SASH VENT
20	V-051	AS REQD.	MARINE GLAZED GASKET (DUROMETER 45-55)	VINYL	7/16" AND 9/16" AT BOTH LITES
23	P-012	2/ VENT	VENT TOP GUIDE PLASTIC M&M	NYLON	TOP OF SASH VENT
24	P-013	2/ VENT	VENT BOTTOM GUIDE PLASTIC M&M	NYLON	BOTTOM OF SASH VENT
25	_	AS REQD.	#8 X 3/8" LG. FH. SMS. ST/ST PHILLIPS	-	AT P-012, P-013 & PD-203
26	_	2	#8 X 1" LG. FH. SMS. ST/ST PHILLIPS	_	AT TOP OF BALANCE
27	_	AS REQD.	#10 X 1" LG. PH. SMS. ST/ST PHILLIPS	-	ASSEMBLY SCREWS
28	-	6	#10 X 3/4" LG. PH. SMS. ST/ST PHILLIPS	-	AT BALANCE CLIP
29	_	_	_	-	
32	PD-203	2/ WDW	SASH LOCK	-	AT TOP OF SASH
33		2/ WDW	ULTRA-LIFT BALANCE #30	-	AT FRAME
34	_	2/ WDW	ULTRA-LIFT NON TILT BRACKET	_	
37	<u> </u>	_	_	_	
38	_	-	3/8" X 1/2" X 4" LG. SETTING BLOCKS	NEOPRENE	
40	DC-995		GLAZING COMPOUND	SILICONE	_
41	500Y-021	AS REQD.	ANCHOR CHANNEL	6063-T6	9 IN. & 12" LONG
42	500Y-020	AS REQD.	REINFORCING CHANNEL	6063-T6	9 IN. LONG

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No
Expiration Date

12-08-06-02

21/26/2017

Engr JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

PRODUCT REVISED
as coreplying with the Florida
Building Code
Acceptance No 12-0223, Expiration Date JULY 18, 21
By Manuel Sure
Minipade Product Control

| SERIES 600Y-CA ALUM SINGLE HUNG WINDOW (L.M.I.) | R.C. ALUMINUM INDUSTRIES INC. 2805 N.W. 75 TH AVE. MIAMI, FL. 33122 | TEL. (305) 592-1515 FAX. (305) 592-2184

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ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

-15-04	_	2	considirs.		
5	ع	0	no date	þ	by description
		7	A 06.19.09		UPDATED FOR 2007
		m	B 02.01.10		REV. PER BCCO COM
AMID		0	C 02.07.12		NO CHANGE THIS SH
	L	-			

А		date: 10-15-04		ا ج	CAISI
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wi		scale: 1/2" = 1"	⋖	_	06.1
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		dr. by: HAMID	ပ	-	02.0
n					
`		chk. by:	L	╁	

drawing no.

W04-88 sheet 6 of 7

